



Practitioner's Docket No. 2839/115

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John M. Airey et al.

Application No.: 09/614,363

Group No.: 2628

Filed: July 12, 2000

Examiner: Jin-Cheng Wang

For: Display System Having Floating Point Rasterization and Floating Point Framebuffering

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))**

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is *mandatory*;  
*Express Mail certification is optional.*)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

[x] deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.10\*

[x] with sufficient postage as first class mail. [ ] as "Express Mail Post Office to Addressee"  
Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

[ ] facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

  
Signature

Date: May 14, 2007

Steven G. Saunders  
(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(j). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action--page 1 of 2

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JW/

**IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

DATE: May 14, 2007



Steven G. Saunders  
BROMBERG & SUNSTEIN LLP  
Customer Number 02101  
125 Summer Street  
Boston, MA 02110-1618  
US

02839/00115 668243.1



Practitioner's Docket No. 2839/115

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John M. Airey et al.

Application No.: 09/614,363

Group No.: 2628

Filed: July 12, 2000

Examiner: Jin-Cheng Wang

For: Display System Having Floating Point Rasterization and Floating Point Framebuffering

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

(Supplemental Information Disclosure Statement--page 1 of 10)

**CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10\***

*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**37 C.F.R. SECTION 1.8(a)**

**37 C.F.R. SECTION 1.10\***

with sufficient postage as first class mail.

as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (**mandatory**)

**TRANSMISSION**

transmitted by facsimile to the Patent and Trademark Office.

Signature

Steven G. Saunders

Date: May 14, 2007

**\*WARNING:** Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b).

"Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JW/

**NOTE:** "An information disclosure statement shall be considered by the Office if filed by the applicant:

- (1) Within three months of the filing date of a national application;
- (2) Within three months of the date of entry of the national stage as set forth in section 1.491 in an international application; or
- (3) Before the mailing date of a first Office action on the merits, whichever event occurs last." 37 C.F.R. section 1.97(b).

**NOTE:** "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 C.F.R. section 1.56(a).  
"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:  
(1) each inventor named in the application;  
(2) each attorney or agent who prepares or prosecutes the application; and  
(3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. section 1.56(c).

**NOTE:** "The 'duty as described in section 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by sections 1.97(b) - (d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13-25 at 17.

**WARNING:** "No information disclosure statement may be filed in a provisional application." 37 C.F.R. section 1.51(b).

#### **List of Sections Forming Part of This Supplemental Information Disclosure Statement**

The following sections are being submitted for this Supplemental Information Disclosure Statement:

*(check sections forming a part of this statement: discard unused sections and number pages consecutively)*

1. Preliminary Statements
2. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)
3. Statement as to Information Not Found in Patents or Publications
4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. Cumulative Patents or Publications
6. Copies of Listed Information Items Accompanying This Statement
7. Concise Explanation of Non-English Language Listed Information Items
  - 7A. EPO Search Report
  - 7B. English Language Version of EPO Search Report
8. Translation(s) of Non-English Language Documents
9. Concise Explanation of English Language Listed Information Items (Optional)
10. Identification of Person(s) Making This Supplemental Information Disclosure Statement

*(complete the following, if appropriate)*

Sections , respectively, have been continued on ADDED PAGE(S).

**NOTE :**"Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).

## **Section 1. Preliminary Statements**

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this Supplemental Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Supplemental Information Disclosure Statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: John M. Airey et al. Attorney Docket: 2839/115  
Serial No: 09/614,363 Art Group Unit: 2628  
Date Filed: July 12, 2000 Examiner Name: Jin-Cheng Wang  
Invention: Display System Having Floating Point Rasterization and Floating Point  
Framebuffering

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

| U.S. PATENT DOCUMENTS |                  |                 |                       |          |                |
|-----------------------|------------------|-----------------|-----------------------|----------|----------------|
| Examiner Initials     | Reference Number | Document Number | Issue Date            | Inventor | Class/Subclass |
| AA                    | 4,866,637        | Sep. 12, 1989   | Gonzalez-Lopez et al. | 364/518  |                |
| AB                    | 5,528,741        | Jun. 18, 1996   | Lucas                 | 395/131  |                |
| AC                    | 5,542,032        | Jul. 30, 1996   | Pritt                 | 395/121  |                |
| AD                    | 5,696,944        | Dec. 9, 1997    | Krech, Jr.            | 395/509  |                |
| AE                    | 5,745,125        | Apr. 28, 1998   | Deering et al.        | 345/503  |                |
| AF                    | 5,844,571        | Dec. 1, 1998    | Narayanaswami         | 345/422  |                |
| AG                    | 5,926,406        | Jul. 20, 1999   | Tucker et al.         | 364/753  |                |
| AH                    | 5,977,983        | Nov. 2, 1999    | Einkauf et al.        | 345/430  |                |
| AI                    | 5,995,121        | Nov. 30, 1999   | Alcorn et al.         | 345/520  |                |
| AJ                    | 5,995,122        | Nov. 30, 1999   | Hsieh et al.          | 345/523  |                |
| AK                    | 6,061,782        | May 9, 2000     | Elliott et al.        | 712/222  |                |
| AL                    | 6,532,018        | Mar. 11, 2003   | Chen et al.           | 345/519  |                |
| AM                    | 6,650,327        | Nov. 18, 2003   | Airey et al.          | 345/431  |                |

| FOREIGN PATENT DOCUMENTS |                  |              |                 |                  |                        |                |
|--------------------------|------------------|--------------|-----------------|------------------|------------------------|----------------|
| Examiner Initials        | Reference Number | Country Code | Document Number | Publication Date | Patentee or Applicant  | Class/Subclass |
|                          | AN               | WO           | 99/16021        | Apr. 1, 1999     | Silicon Graphics, Inc. | G06T 15/50     |

Applicants: John M. Airey et al. Attorney Docket: 2839/115  
 Serial No: 09/614,363 Art Group Unit: 2628  
 Date Filed: July 12, 2000 Examiner Name: Jin-Cheng Wang  
 Invention: Display System Having Floating Point Rasterization and Floating Point  
 Framebuffering

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

| OTHER DOCUMENTS   |                  |   |  |
|-------------------|------------------|---|--|
| Examiner Initials | Reference Number | Author  | Title of Article, Title of Journal, Volume Number, Page Numbers, Date  |
| AO                |                  | Olano, Marc et al.  | <i>A Shading Language on Graphics Hardware: The PixelFlow Shading System</i> , Proceedings of SIGGRAPH 98, Orlando, FL July 19-24, 1998, 10 pages  |
| AP                |                  | Kempf, Renate et al., Editors   | <i>OpenGL Reference Manual: The Official Reference document to OpenGL, Version 1.1</i> /OpenGL Architecture Review Board, © 1997 by Silicon Graphics, Inc., 2 <sup>nd</sup> Ed., pp. 1-24  |
| AQ                |                  | Woo, Mason et al.   | <i>OpenGL Programming Guide: The Official Guide to Learning OpenGL, Version 1.1</i> , © 1997 by Silicon Graphics, Inc., 2 <sup>nd</sup> Ed., pp. v-xv, 10-14, 151-168, 277-305, 373-394  |
| AR                |                  | Foley, James D. et al.  | <i>Computer Graphics: Principles and Practice</i> , Addison-Wesley Systems Programming Series, © 1996, 1990 by Addison-Wesley Publishing Co., pp. 165-179, 334-339, 806-814, 855-922   |
| AS                |                  | Olano, Marc   | <i>A Programmable Pipeline for Graphics Hardware</i> , University of North Carolina at Chapel Hill dissertation, 1998  |
| AT                |                  | Daniel W. Hildebrand, Joseph A. Ranney, DEWITT, ROSS & STEVENS, S.C.                        | <i>ATI Technologies ULC's Answer to Complaint for Patent Infringement</i> , December 1, 2006, 9 pages  |
| AU                |                  | William H. Manning, Cole M. Fauver, Brian A. Mayer, ROBINS, KAPLAN, MILLER & CIRESI, L.L.P. | <i>ATI Technologies ULC's Answer and Counterclaim to Amended Complaint for Patent Infringement</i> , December 14, 2006, 13 pages   |
| AV                |                  | Jeffrey S. Ward, Edward J. Pardon, MICHAEL BEST & FRIEDRICH LLP                             | <i>Plaintiff's Motion to Dismiss or Strike Counterclaims and Affirmative Defenses of Inequitable Conduct Pursuant to Fed. R. Civ. P. 12(b)(6), 12(f), and 9(b), or in the Alternative, for a More Definite Statement Pursuant to Fed. R. Civ. P. 12(e)</i> , January 3, 2007, 12 pages |

(Supplemental Information Disclosure Statement--page 5 of 10)

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JW/

Applicants: John M. Airey et al. Attorney Docket: 2839/115  
 Serial No: 09/614,363 Art Group Unit: 2628  
 Date Filed: July 12, 2000 Examiner Name: Jin-Cheng Wang  
 Invention: Display System Having Floating Point Rasterization and Floating Point Framebuffering

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

| OTHER DOCUMENTS   |                  |  |   |
|-------------------|------------------|--|---|
| Examiner Initials | Reference Number | Author   | Title of Article, Title of Journal, Volume Number, Page Numbers, Date   |
| AW                |                  | Joseph A. Ranney, DEWITT ROSS & STEVENS, S.C.  | <i>ATI Technologies' Opposition to Plaintiff's Motion to Dismiss or Strike Counterclaims and Affirmative Defenses of Inequitable Conduct Pursuant to Fed. R. Civ. P. 12(b)(6), 12(f) and 9(b), or in the Alternative, for a More Definite Statement Pursuant to Fed. R. Civ. P. 12(e), January 22, 2007, 18 pages</i>   |
| AX                |                  | Brian A. Mayer, ROBINS, KAPLAN, MILLER & CIRESI L.L.P.                                     | <i>Declaration of Brian A. Mayer in Support of ATI Technologies' Opposition to Plaintiff's Motion to Dismiss or Strike Counterclaims and Affirmative Defenses of Inequitable Conduct Pursuant to Fed. R. Civ. P. 12(b)(6), 12(f) and 9(b), or in the Alternative, for a More Definite Statement Pursuant to Fed. R. Civ. P. 12(e), January 22, 2007, 62 pages</i> |
| AY                |                  | Jeffrey S. Ward, Edward J. Pardon, MICHAEL BEST & FRIEDRICH LLP                            | <i>Plaintiff Silicon Graphics, Inc.'s Reply Memorandum in Support of its Converted Motion for Summary Judgment of Defendant's Counterclaim and Affirmative Defense of Inequitable Conduct, February 2, 2007, 12 pages</i>   |
| AZ                |                  | Joseph A. Ranney, DEWITT ROSS & STEVENS, S.C.  | <i>Defendant's Memorandum in Support of Motion for Clarification and, in the Alternative, for a Rule 56(j) Continuance and An Order for Compliance with the Court's Written Summary Judgment Procedures, February 12, 2007, 7 pages</i>   |
| BA                |                  | William H. Manning, Cole M. Fauver, Brian A. Mayer, ROBINS, KAPLAN, MILLER & CIRESI L.L.P. | <i>ATI Technologies ULC's Memorandum of Law in Support of its Partial Motion to Dismiss for Lack of Standing, March 1, 2007, 15 pages</i>   |

Applicants: John M. Airey et al. Attorney Docket: 2839/115  
 Serial No: 09/614,363 Art Group Unit: 2628  
 Date Filed: July 12, 2000 Examiner Name: Jin-Cheng Wang  
 Invention: Display System Having Floating Point Rasterization and Floating Point Framebuffering

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

| OTHER DOCUMENTS   |                  |  |  |
|-------------------|------------------|--|--|
| Examiner Initials | Reference Number | Author   | Title of Article, Title of Journal, Volume Number, Page Numbers, Date  |
|                   | <b>BB</b>        | William H. Manning, Cole M. Fauver, Brian A. Mayer, ROBINS, KAPLAN, MILLER & CIRESI L.L.P.           | <i>ATI Technologies ULC's Brief in Support of its Motion for Summary Judgment of Noninfringement of U.S. Patent Nos. 6,650,327, 6,292,200 and 6,885,376, March 8, 2007, 42 pages</i>   |
|                   | <b>BC</b>        | Eric Demers  | <i>Declaration of Eric Demers in Support of ATI Technologies ULC's Motion for Summary Judgment of Noninfringement of U.S. Patents Nos. 6,650,327, 6,292,200 and 6,885,376, March 8, 2007, 7 pages</i>  |
|                   | <b>BD</b>        | Brian A. Mayer, ROBINS, KAPLAN, MILLER & CIRESI L.L.P.   | <i>Declaration of Brian A. Mayer in Support of ATI Technologies ULC's Motion for Summary Judgment of Noninfringement, March 8, 2007, 191 pages</i>   |
|                   | <b>BE</b>        | Barbara B. Crabb, District Judge, United States District Court for the Western District of Wisconsin | <i>Opinion and Order, March 16, 2007, 10 pages</i>   |
|                   | <b>BF</b>        | Phillip L. Hirschhorn, MORGAN, LEWIS & BOCKIUS LLP   | <i>Plaintiff Silicon Graphics, Inc.'s Memorandum in Opposition to Defendant's Motion to Dismiss Plaintiff's Infringement Claims Under U.S. Patent Nos. 6,650,327 and 6,292,200, March 26, 2007, 28 pages</i>                                   |
|                   | <b>BG</b>        | Phillip L. Hirschhorn, MORGAN, LEWIS & BOCKIUS LLP   | <i>Silicon Graphics, Inc.'s Reply to ATI Technologies ULC's Answer and Counterclaim to Amended Complaint for Patent Infringement and Counterclaims Against ATI Technologies ULC and Advanced Micro Devices, Inc., March 30, 2007, 14 pages</i> |

Applicants: John M. Airey et al. Attorney Docket: 2839/115  
Serial No: 09/614,363 Art Group Unit: 2628  
Date Filed: July 12, 2000 Examiner Name: Jin-Cheng Wang  
Invention: Display System Having Floating Point Rasterization and Floating Point Framebuffering

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

| OTHER DOCUMENTS   |                  |                  |  |
|-------------------|------------------|------------------|--|
| Examiner Initials | Reference Number | Author           | Title of Article, Title of Journal, Volume Number, Page Numbers, Date  |
|                   | <b>BH</b>        | Dr. Andrew Wolfe | <i>Declaration of Dr. Andrew Wolfe in Support of ATI Technologies ULC's Opposition to Plaintiff Silicon Graphics, Inc.'s Motion Pursuant to Rule 56(j), April 11, 2007, 18 pages</i> |

Examiner Signature: /Jin Cheng Wang/

Date Considered: 01/29/2009

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if *not* in conformance and not considered. Include copy of this form with next communication to applicant.

## **Section 6. Copies of Listed Information Items Accompanying This Statement**

**NOTE:** 37 C.F.R. section 1.98(a)(2) requires that any information disclosure statement filed under section 1.97 shall include: "A legible copy of: (i) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included . . ."

**NOTE:** The wording in section 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

*(complete the following, if applicable)*

[x ]Exception(s) to above:

**U.S. patent citations are not included pursuant to the United State Patent and Trademarks Office's September 21, 2004 waiver of the copy requirement in 37 CFR 1.98 for cited pending U.S. patent citations when the patent citations are available in the USPTO's IFW system.**

[ ]Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.

[ ]Cumulative patents or publications identified in Section 5.

**Section 10. Identification of Person(s) Making This Supplemental Information Disclosure Statement**

The person making this certification is

*(check each applicable item)*

(a)  [ ] the inventor(s) who signs below

---

**SIGNATURE OF INVENTOR**

---

*(type name of inventor who is signing)*

(b)  [ ] an individual associated with the filing and prosecution of this application (37 C.F.R. section 1.56(c))

---

**SIGNATURE OF INVENTOR**

---

*(type name of inventor who is signing)*

(c)  [x] the practitioner who signs below on the basis of the information:

*(check each applicable item)*

[ ] supplied by the inventor(s).

[ ] supplied by an individual associated with the filing and prosecution of this application. (37 C.F.R. section 1.56(c)).

[x] in the practitioner's file.



---

**SIGNATURE OF PRACTITIONER**

---

Steven G. Saunders

---

*(type or print name of practitioner)*

Reg. No.: 36,265

---

125 Summer Street, 11<sup>th</sup> Floor

P.O. Address

Tel. No.: (617) 443-9292

---

Boston, MA 02110-1618

Customer No.: 002101

02839/00115 666762.1'